

Contaminant of Concern	Instrument and Number of Stations	Frequency of Monitoring	Action Level and Response
Perimeter Dust Sampling (TSP)	High volume Particulate Sampler. Location determined by air sampling technicians. Minimum of three samplers per day. One co-located sampler and one blank per 20 events.	Initially: Daily EPA OSC may modify after accrument of data.	150 ug/m ³ workday average) – notify Response Manager to modify work activities.
			500 ug/m ³ (workday average) temporary relocation offered to affected residents.
Perimeter Lead Sampling	High Volume Particulate Sampler. Location determined by air sampling technicians. Minimum of three samplers per day. One co-located sampler and one blank per 20 events.	Initially: Daily EPA OSC may modify after accrument of data.	1.5 ug/m ³ (workday average) – notify Response Manager to modify work activities.
			15 ug/m ³ (workday average) - temporary relocation offered to affected residents.
Perimeter Dust Monitoring	Personal Data RAM (Random Aerosol Monitor)	Alarms set to activate during exceedences.	1 mg/m ³ per minute/Response Manager notified, modify work activities.
Perimeter Dust Monitoring PEL	Personal Data RAM (Random Aerosol Monitor)	Daily: 15 minute intervals to provide STEL, instrument monitored every 30 minutes by operator .	5 mg/m ³ per 15 minute TWA/Response manager notified, work activities temporarily stop, evaluate modifications to work plan
Suspicious Odor Monitoring	HAPSite TVA Passport	24 hour on call, residential or worker detection of suspicious odor.	Upon identification and origination, review work activities, implement corrective actions as appropriate.

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Perimeter VOC Sampling	SUMMA Passivated Canister	Initially: Weekly monitoring. After data accrueement, EPA discretion.	Chemical Dependent – response Manager evaluates chemical specific release in consultation with EPA , LDEQ and ATSDR.
Methane Identification monitoring	MSA Passport –.	Prior to work activities in morning. Additional testing at the discretion of Response Manager During any suspicious odor complaaint, in response to a high % LEL as an identification.	1 ppm instantaneous – Investigate source of VOCs
			3 ppm instantaneous – Response Manager modifies work procedures .
			5 ppm (10 minute average) – temporary relocation offered to occupants of affected residence.
Methane (Soil Gas)	MSA Passport -	Prior to excavation taken from drive point hole spaced the following grids: - - 400 square feet residential - - 625 square feet commercial	Evaluate Engineering controls, vent area if above 10%